

STEREO MOC Status Report  
Time Period: 2011:192 - 2011:198

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 192, during the DSS 15 support ranging was not available for the entire track due to an Uplink Ranging Assembly problem. See DR# G111791 for more information.
- On day 192, for the DSS 34 support, the antenna was declared red prior to the track due to a cable wrap switch problem. The entire support was lost. To prevent data loss, the SSR Read pointers were moved back during the next track on day 193 (DSS-26). This anomaly resulted in the loss of 12-17 hours of SSR data for IMPACT and SWAVES on day 191/192 (191-14:20:15 to 192-07:19:15z), for 2.4 hours later in the week for IMPACT on day 196 (196-12:36:12z/14:59:32z) and again for 2.2 hours later in the week for IMPACT on day 197 (197-09:48:31z/11:59:31z). See DR# C108122 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 194, the 14<sup>th</sup> HGA Calibration was successfully executed at 1500z.
- On day 195, the 39<sup>rd</sup> momentum dump was successfully executed at 1500Z, which imparted a delta V of 0.0879 m/sec.
- The average daily SSR playback volume for Ahead was 3.8 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 193, during the DSS 14 support, turbo decoder lock was lost briefly beginning at 1719z. This resulted in the loss of 14 frames of SECCHI SSR data. A DR has been requested.

2. The following spacecraft/instrument events occurred during this week:

- On day 193, the 33<sup>rd</sup> momentum dump was successfully executed at 1930Z, which imparted a delta V of 0.071 m/sec.
- On day 194, the BEHIND S/C switched to routinely using the 160 kbps downlink rate for 34 meter antenna tracks and 480 kbps for 70 meter antenna tracks.
- On day 194, the 14<sup>th</sup> HGA Calibration was successfully executed at 1600Z.
- The average daily SSR playback volume for Behind was 6.1 Gbits during this week.